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DIALOG(R)File 351:Derwent WPI
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010248659 **Image available**

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Binder resin compsn. for negatively charging-type electrophotographic toner - comprises resin mixt. of ethylene-type copolymers contg. fatty gp. unsatd. -N-acrylamide-type monomer, etc.

Patent Assignee: MITSUI TOATSU CHEM INC (MITK)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7072658	A	19950317	JP 93219557	A	19930903	199520 B

Priority Applications (No Type Date): JP 93219557 A 19930903

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 7072658	A	11	G03G-009/087	

Abstract (Basic): JP 7072658 A

The binder resin is a resin mixt. of ethylene-type copolymer (H) and ethylene-type copolymer (L) contg. fatty gp. unsatd. -N-acrylamide-type monomer with sulphonic acid gp. as the constituent unit. The wt. average molecular wt. (Mw) is 200,000 or more, Mw/Mn (the number average molecular wt.) is 8.0 or more, the glass transition temp. (Tg) is 45-70 deg. C, and L:H is 15-85:85-15.

ADVANTAGE - The toner has stable charging characteristics, good anti-offset characteristics and durability.

Dwg.0/0

Title Terms: BIND; RESIN; COMPOSITION; NEGATIVE; CHARGE; TYPE; ELECTROPHOTOGRAPHIC; TONER; COMPRISE; RESIN; MIXTURE; ETHYLENE; TYPE; COPOLYMER; CONTAIN; FATTY; GROUP; UNSATURATED; N; ACRYLAMIDE; TYPE; MONOMER

Derwent Class: A89; G08; P84; S06

International Patent Class (Main): G03G-009/087

File Segment: CPI; EPI; EngPI

Manual Codes (CPI/A-N): A04-D04A; A04-G01E; A12-L05C2; G06-G05

Manual Codes (EPI/S-X): S06-A04C1

Polymer Indexing (PS):

<01>

001 017; R00326 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82; H0011-R; P1150

002 017; G0453-R G0260 G0022 D01 D12 D10 D51 D53 F70 D60 F62; R00326 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D82; H0000; H0022 H0011; H0033 H0011; P1150 ; P0088 ; P1161

003 017; ND01; K9745-R; B9999 B5094 B4977 B4740; B9999 B5107-R B4977 B4740; B9999 B5618 B5572; Q9999 Q8639 Q8617 Q8606; Q9999 Q6791